

Title (en)

Continous process for the manufacture of lactide and lactide polymers

Title (de)

Kontinuierliches Verfahren zur Herstellung von Lactid und Lactid Polymeren

Title (fr)

Procédé continu pour la préparation de lactide et polylactides

Publication

EP 0893462 A3 19991020 (EN)

Application

EP 98203427 A 19930122

Priority

- EP 93903632 A 19930122
- US 82505992 A 19920124
- US 92714992 A 19920807
- US 92690192 A 19920807
- US 93556692 A 19920824
- US 93505992 A 19920824

Abstract (en)

[origin: EP0893462A2] A process for preparing a polylactide; the process including: providing a crude lactide mixture including lactide comprising meso-lactide and at least one of L-lactide and D-lactide; said process being characterized by steps of: (a) purifying the crude lactide mixture by distillation in a distillation system into at least two distilled fractions comprising: (i) a low-boiling fraction; and (ii) an intermediate boiling fraction including purified polymer grade lactide, without a step of solvent extraction of the crude lactide mixture or recrystallization of the crude lactide mixture; and (b) reacting the purified polymer grade lactide to form polylactide.

IPC 1-7

C08G 63/08; C08G 63/06; C08G 63/78; C07D 319/06

IPC 8 full level

C07D 319/12 (2006.01); **C08G 63/06** (2006.01); **C08G 63/08** (2006.01); **C08G 63/78** (2006.01)

CPC (source: EP)

C08G 63/06 (2013.01); **C08G 63/08** (2013.01); **C08G 63/78** (2013.01)

Citation (search report)

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- [Y] EP 0275581 A1 19880727 - AKZO NV [NL] & US 4797468 A 19890110 - DE VRIES KLAAS S [NL]
- [Y] WO 8810260 A1 19881229 - BOEHRINGER INGELHEIM INT [DE], et al
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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9315127 A1 19930805; AT E466897 T1 20100515; AU 3482193 A 19930901; AU 677174 B2 19970417; BR 9305788 A 19970218; CA 2128509 A1 19930805; CA 2128509 C 20060919; DE 69334330 D1 20100617; EP 0623153 A1 19941109; EP 0893462 A2 19990127; EP 0893462 A3 19991020; EP 0893462 B1 20100505; ES 2345307 T3 20100920; FI 113661 B 20040531; FI 943487 A0 19940722; FI 943487 A 19940921; JP 3258324 B2 20020218; JP H07503490 A 19950413; KR 100261850 B1 20000801; MX 9300333 A 19930701; NO 309530 B1 20010212; NO 942728 D0 19940721; NO 942728 L 19940923; NZ 249033 A 19960528

DOCDB simple family (application)

US 9300568 W 19930122; AT 98203427 T 19930122; AU 3482193 A 19930122; BR 9305788 A 19930122; CA 2128509 A 19930122; DE 69334330 T 19930122; EP 93903632 A 19930122; EP 98203427 A 19930122; ES 98203427 T 19930122; FI 943487 A 19940722; JP 51333593 A 19930122; KR 19940702555 A 19940725; MX 9300333 A 19930122; NO 942728 A 19940721; NZ 24903393 A 19930122